



X12 Implementation Guideline - USS Outside Processing

Order Status - Production Reporting **Example 870-9, Inventory Maintenance / Delete**

X12 870 Format

HEADER AREA

Transaction Set Header

ST*870*0001
Transaction Set Identifier Code (143)
ST01 870 X12 Order Status Report
Transaction Set Control Number (329)
ST02 0001

Beginning Segment for Order Status Report

BSR*2*PA*00123*20000514***0317***03
Transaction Set Purpose Code (850)
BSR01 2 Prearranged Schedule or Agreement
Order Item Code (847)
BSR02 PA Selected Orders - Selected Items Maintenance
Reference Number (127)
BSR03 00123
Date (373)
BSR04 20000514 Transaction Create Date
Time (337)
BSR07 0317 Transaction Create Time
Transaction Set Purpose Code (353)
BSR11 03 Delete

Name

N1*MF**1*005444062
Entity Identifier Code (98)
N101 MF Metals Producer
Identification Code Qualifier (66)
N103 1 DUNs Number
Identification Code (67)
N104 005444062 US Steel Gary Works

Name

N1*OU**1*017763731
Entity Identifier Code (98)
N101 OU Outside Processor
Identification Code Qualifier (66)
N103 1 DUNs Number
Identification Code (67)
N104 017763731

Date/Time Reference

DTM*009*20000514*0317*ES
Date/Time Qualifier (374)
DTM01 009 Process Business Event - Activity Date/Time
Date (373)
DTM02 20000514
Time (337)
DTM03 0317
Time Code (623)
DTM04 ES



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DETAIL AREA - Order Level

Hierarchical Level

HL*1**O*1
Hierarchical ID Number (628)
HL01 1
Hierarchical Level Code (735)
HL03 0 Order
Hierarchical Child Code (736)
HL04 1

Purchase Order Reference

PRF*JK75005**20000514 USS Work Order with OP
Purchase Order Number (324)
PRF01 JK75005
Purchase Order Date (323)
PRF04 20000514

DETAIL AREA - Item Level

Hierarchical Level

HL*2*1*I*1
Hierarchical ID Number (628)
HL01 2
Hierarchical Parent ID Number (734)
HL02 1
Hierarchical Level Code (735)
HL03 I Item
Hierarchical Child Code (736)
HL04 1

Reference Numbers

REF*SE*92133166
Reference Number Qualifier (128)
REF01 SE Serial Number
Reference Number (127)
REF02 92133166 OP Material ID



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Date/Time Reference

DTM*206*20000514*0317*ES
Date/Time Qualifier (374)
DTM01 206 Outside Processor Status
Date (373)
DTM02 20000514
Time (337)
DTM03 0317
Time Code (623)
DTM04 ES

Baseline Item Data

PO11*UN***VO*JK75005*VN*002*HN*GB9493*SN*A621298**
Quantity Ordered (330)
PO12 1
Unit or Basis for Measurement Code
PO13 UN Unit
Product/Service ID Qualifier (235)
PO106 VO Order Number - Intended Ship USS Mill Order #
Product/Service ID (234)
PO107 JK75005
Product/Service ID Qualifier (235)
PO108 VN Order Item Number - Intended Ship USS Mill Order Item #
Product/Service ID (234)
PO109 002
Product/Service ID Qualifier (235)
PO110 HN Heat Number
Product/Service ID (234)
PO111 GB9493
Product/Service ID Qualifier (235)
PO112 SN Material Identification - USS
Product/Service ID (234)
PO113 A621298

PID*S*PR*ST*97*66**

Item Description Type (349)
PID01 S
Product/Process Characteristic Code (750)
PID02 PR Manufacturing Process
Agency Qualifier Code (559)
PID03 ST Steel Code tables
Production Description Code (751)
PID04 97 Inventory Maintenance - Deletion
Source Subqualifier (822)
PID07 66 Steel Table 66



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Order Status - Production Reporting **Example 870-9, Inventory Maintenance / Delete**

Product/Item Identification Changes to Material Classification should be made through a 870 Hold/Release Transaction

```
PID*S*MAC*ST*01***67
  Item Description Type (349)
PID01      S
  Product/Process Characteristic Code (750)
PID02      MAC      Material Classification
  Agency Qualifier Code (559)
PID03      ST      Steel Code tables
  Production Description Code (751)
PID04      01      Prime
  Source Subqualifier (822)
PID07      67      Steel Table 67
```

Product/Item Identification Changes to OP status should be made through a 870 Hold/Release Transaction

```
PID*S*MA*ST*1***70
  Item Description Type (349)
PID01      S
  Product/Process Characteristic Code (750)
PID02      MA      Outside Processor Status
  Agency Qualifier Code (559)
PID03      ST      Steel Code tables
  Production Description Code (751)
PID04      1      Ready To Ship
  Source Subqualifier (822)
PID07      70      Steel Table 70
```

Measurements

MEA*WT*WT*4865*01 See 856-1 for metric UOM qualifiers for following MEA's

```
Measurement Reference ID Code (737)
MEA01      WT      Weights
Measurement Qualifier (738)
MEA02      WT      Weight
Measurement Value (739)
MEA03      4865
Unit or Basis for Measurement Code (355)
MEA04      01      Pounds
```

Measurements

```
MEA*PD*TH*00.0630*ED
Measurement Reference ID Code (737)
MEA01      PD      Actual Dimensions
Measurement Qualifier (738)
MEA02      TH      Thickness
Measurement Value (739)
MEA03      00.0630
Unit or Basis for Measurement Code (355)
MEA04      ED      Decimal Inches
```



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Measurements

MEA*PD*WD*52.2500*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 WD Width
Measurement Value (739)
MEA03 52.2500
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements

MEA*PD*LN*22.0000*ED
Measurement Reference ID Code (737)
MEA01 PD Actual Dimensions
Measurement Qualifier (738)
MEA02 LN Length
Measurement Value (739)
MEA03 22.0000
Unit or Basis for Measurement Code (355)
MEA04 ED Decimal Inches

Measurements

MEA*CT*NL*804*PC
Measurement Reference ID Code (737)
MEA01 CT Counts
Measurement Qualifier (738)
MEA02 NL
Measurement Value (739)
MEA03 804
Unit or Basis for Measurement Code (355)
MEA04 PC Number of Pieces

Measurements

MEA*WT*WT*4719*24
Measurement Reference ID Code (737)
MEA01 WT Weights
Measurement Qualifier (738)
MEA02 WT Weight
Measurement Value (739)
MEA03 4719
Unit or Basis for Measurement Code (355)
MEA04 24 Theoretical Pounds

Summary Area

Transaction Totals

CTT*2
Number of Line Items (354)
CTT01 2 Total Number of HL Segments
One Order (O), One Item (I)



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Transaction Set Trailer

SE*22*0001

Number of Included Segments (96)

SE01 22 Total number of segments in the transaction including the ST and SE segments

Transaction Set Control Number (329)

SE02 0001 Transaction Set Control Number. Same as ST02 in the Transaction Set Header segment.